



Real-Time Data Capture and NCI's Health Communication and Informatics Research Program

Gary L. Kreps, Ph.D., Chief
Health Communication & Informatics Research Branch
National Cancer Institute, USA

Gary.Kreps@NIH.GOV
(<http://cancercontrol.cancer.gov/hcirb/>)

Health Communication and Informatics Research Goals:

- Develop the infrastructure for rapid advances in knowledge about cancer communication, testing new health communication and information strategies, models, and tools, and disseminating results to researchers, clinicians, patients, practitioners, advocacy groups, other partners, and to the public.

Our words promise great advances...

HEALTH INFORMATION NATIONAL TRENDS SURVEY (HINTS):

- Collect and track surveillance data every two years about the American public's access to, preferences for, uses of, and responses to health information concerning cancer.
- CAN WE SUPPLEMENT HINTS SURVEY DATA WITH REAL TIME DATA CAPTURE?

(See: <http://dccps.nci.nih.gov/hcirb/hints.html>)

DIGITAL DIVIDE PILOT PROJECTS

- **Developing Urban Low-Income Head Start Parents' Abilities to Access Relevant Information Via Computer**
- **Implementing a Cancer Education Curriculum in Harlem With Community Partnerships**
- **Testing Use of the CHES System By Rural and Urban Women Diagnosed with Breast Cancer**
- **Disseminating Cancer Information to Rural, Low-Literacy Women in Appalachia**
- **CAN WE TRACK HEALTH INFORMATION ACCESS AND USE WITH REAL-TIME DATA CAPTURE?**

(See: http://dccps.nci.nih.gov/hcirb/research_ddpp.html)

Multimedia Technology/Health Communication SBIR/STTR Grant Program

- Translate cancer research into technology applications for key groups (consumers, providers, caregivers).
- Promote technology use to enhance communication between providers and their patients.
- Develop intervention strategies, tailoring models, and tools to better inform the public about cancer prevention and control.
- CAN WE FUND DEVELOPMENT/APPLICATION OF REAL-TIME DATA CAPTURE WITH THIS PROGRAM?

(See: <http://cancercontrol.cancer.gov/hcirb/sbir/>)

Cancer Information Service Research Consortium

- Coordinate use of on-line, telephone, and print media for information dissemination.
- Tailored messages to increase fruit and vegetable consumption, screening, and smoking cessation.
- Proactive counseling.
- Promoting accurate risk assessment.
- Smoking cessation counseling and support.
- Information dissemination and quality of life.
- **HOW CAN REAL-TIME DATA CAPTURE BE USED TO EVALUATE THE USE AND IMPACT OF CIS SERVICES?**

(See: http://dccps.nci.nih.gov/hcirb/research_cisrc.html)

Communication Intervention Research Program

- Tailored Print for Minority Colorectal Cancer Screening
- Tailored Print/Telephone to Promote Cancer Prevention
- Cultural Tailoring for Screening & Prevention for Black Women
- Web-based Nutrition Education for Multicultural Adults
- Computerized Symptom Report for Cancer Patients
- Communicating Genetic Test Results to the Family
- Multimedia Nutrition Interventions for Latinas
- HOW CAN REAL-TIME DATA CAPTURE BE USED TO EVALUATE COMMUNICATION INTERVENTIONS?

(See: http://dccps.nci.nih.gov/hcirb/grants_hccc.asp)

Advancing Cancer Care Through Technology (ACCTT)

- In partnership with the Veterans Health Care Administration, NCI is field-testing an evidence-based adaptive communications technology/care coordination model for home tele-health with cancer patients.
 - **TELEMEDICINE MONITORING TECHNOLOGIES ARE USED AS A CENTRAL REAL-TIME DATA CAPTURE TOOL.**
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HEALTH INFORMATICS RESEARCH INITIATIVES:

Unsolicited (Investigator Initiated) Cancer Communications Research Grants

- R01 Communication intervention research projects
- R03 Small communication research projects
- R21 Exploratory research projects
- P01 Multi-project research programs
- **ARE THERE FUNDING OPPORTUNITIES FOR STUDYING THE COMMUNICATION DIMENSIONS OF REAL-TIME DATA CAPTURE?**

(See: <http://dccps.nci.nih.gov/hcirb/grants.asp>)

The Communication Technologies Research Center: Advancing User Centered Design (CTB)

- Design and Testing Rooms for Usability Testing, Accessibility Testing, and Collaborative Design
- Technical Evaluation Room for Studying Emerging Technologies (PDAs, Tablet PCs), Multiple Hardware/Software Platforms, and Assistive Technologies
- **REAL-TIME DATA CAPTURE IS AN ESSENTIAL PART OF TECHNOLOGY USE TESTING AND WILL EXPAND AS THE USE OF REMOTE TESTING INCREASES.**

(See: www.usability.gov)
